

WHAT IS CLAIMED IS:

1. An isolated peptide recognized by an  
ALLMOTI5, 107x178x4 or a PLZIP sequence search motif.

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2. The peptide of Claim 1 wherein the peptide  
corresponds to a peptide present in a virus.

3. The peptide of Claim 2 in which the virus is  
10 HIV-1 or HIV-2.

4. The peptide of Claim 2 in which the virus is  
a respiratory syncytial virus.

15 5. The peptide of Claim 2 in which the virus is  
a human parainfluenza virus.

6. The peptide of Claim 2 in which the virus is  
an influenza virus.

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7. The peptide of Claim 2 in which the virus is  
a hepatitis B virus.

25 8. The peptide of Claim 2 wherein the virus is  
an Epstein-Barr virus.

9. A method for the inhibition of transmission  
of a virus to a cell, comprising contacting the cell  
with an effective concentration of a peptide  
30 recognized by an ALLMOTI5, 107x178x4 or a PLZIP  
sequence search motif for an effective period of time  
so that no infection of the cell by the virus occurs.

35 10. The method of Claim 9 wherein the virus is  
HIV-1 or HIV-2.

11. The method of Claim 9 wherein the virus is a respiratory syncytial virus.

12. The method of Claim 9 wherein the virus is a human parainfluenza virus.

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13. The method of Claim 9 wherein the virus is an influenza virus.

14. The method of Claim 9 in which the virus is  
10 a hepatitis B virus.

15. The method of Claim 9 wherein the virus is an Epstein-Barr virus.

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